

ONT 67015

25X1

GROUP 1
Excluded from automatic
downgrading and
declassification

TOP SECRET

9 FILM 3401 3401 3400
 UNIT NUMBER 6
 3. LENS DISTORTION (PIN CUSHION) (MM)
 A. MAIN UNITS 3 2 1 0 359 358 357
 FWD .002 .001 0 0 0 0 .002
 AFT .003 .001 0 0 0 .001 .002
 B. HORIZONS CAMERAS

	FWD		AFT	
	PORT	STAR	PORT	STAR
RADIAL				
10 DEG.	.005	.01	.005	.005
20 DEG.	.030	.05	.030	.040
TANGENTIAL	.03	.02	.01	.01

4. CAMERA ANGLES

A. ANGLE BETWEEN PAN CAMERAS 30 DEG. 34 MIN. 33.70 SEC
 B. DEPRESSION ANGLES BETWEEN HORIZONS AND PAN CAMERAS
 FWD PORT 14 DEG. 31 MIN 37.04 SEC
 FWD STAR 15 DEG 14 MIN 27.11 SEC
 AFT PORT 14 DEG 47 MIN 59.19 SEC
 AFT STAR 15 DEG 28 MIN 53.19 SEC

C. ANGLES BETWEEN STELLAR AND INDEX CAMERAS
 STARBOARD STELLAR AND INDEX 100 DEG 01 MIN 22 SEC
 PORT STELLAR AND INDEX 100 DEG 00 MIN 10 SEC

5. TIMING MARKS

FREQUENCY MARKS WILL APPEAR ON THE FILM AT A RATE OF 200 CYCLES PER SECOND.

6. IMAGE MOTION COMPENSATION DATA

PASSES	REF LEVEL	AMP LEVEL
1D THRU 4D, 7D THRU 21D	3	11
5D, 6D	3	12
22D, THRU 54D	4	11

FOR ALL PASSES PRIMARY PERIOD 3300 SEC, SECONDARY PERIOD 2621, SECONDARY RAMP FACTOR.54900.

7. PROGRAM TIME DATA

PASS	DAY	CAMERA ON TIME (ZULU TIME)			PROGRAM ON TIME UP RAMP SEC	PROGRAM DURATION SEC
		HR	MIN	SEC		
1D	5	23	26	17	1245	41
2D	6	01	04	08	1803	13
4D	6	03	50	51	1165	106
5D1	6	05	22	39	1554	79
5D2	6	05	25	50	1744	91
6D	6	06	53	05	1664	69
7D1	6	08	16	36	1348	164
7D2	6	08	22	05	1677	105
8D1	6	09	45	16	1052	141
8D2	6	09	52	34	1490	52
9AE	6	10	56	27	7	21
9D1	6	11	18	03	1303	65
9D2	6	11	22	15	1555	77
9D3	6	11	29	45	2005	117
10D	6	12	46	24	1491	53
18D	7	00	31	44	1357	88
21D1	7	04	57	18	1353	138

21D2	7	05	00	49	1563	237
21D3	7	05	21	03	2777	121
22D1	7	06	36	48	2013	138
22D2	7	06	42	46	2372	45
22D3	7	06	44	45	2490	38
22D4	7	06	45	53	2559	30
23D1	7	07	56	13	1468	62
23D2	7	07	59	54	1688	65
24D1	7	09	23	32	1396	122
24D2	7	09	26	51	1595	75
24D3	7	09	30	15	1799	38
25AE	7	10	34	22	334	22
25D1	7	10	55	42	1615	101
25D2	7	11	00	18	1891	184
25D3	7	11	06	00	2233	62
25D4	7	11	07	25	2318	80
32D	7	21	20	44	1881	32
37D1	8	04	37	16	1436	85
37D2	8	04	39	50	1590	195
38D1	8	06	04	49	1376	195
38D2	8	06	08	50	1617	468
39D1	8	07	33	31	1384	213
39D2	8	07	38	01	1654	194
40D	8	09	01	25	1343	334
41D	8	10	35	42	1685	69
42D	8	12	04	54	1714	49
48D	8	21	00	42	1925	26
50D	8	23	51	33	1478	27
53D	9	04	20	15	1640	115
54D1	9	05	44	07	1354	170
54D2	9	05	48	36	1624	182

8. TIME CORRELATION (MILLI SECONDS)

PASS	CLOCK TIME	SYSTEM TIME	DIFFERENCE
9	216392.015	39142.3317	-----
16	255278.918	78029.2296	.005
25	301458.545	37808.8487	.008
32	340648.101	76998.3966	.008
41	386614.526	36564.8104	.011
48	425680.346	75630.6194	.011
51	471828.318	35378.5767	.015

NOTE: ALL "DIFFERENCE" VALUES ARE PLUS.

GP-1

T O P S E C R E T

END OF MESSAGE